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**Subject:** TAGA Daily Summary - Beginning of day - 5/11/2010  
**Date:** 05/11/2010 10:07 AM

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Below is the sequence of event from mobilization to the current date.

- 4/27/10 - TAGA 1554 departs Las Vegas, NV
- 4/28/10 - TAGA 1553 departs RTP, NC
- 4/28/10 - TAGA 1553 and TAGA 1554 arrive Slidell, LA
- 4/29/10 - TAGA 1553 performs mobile monitoring for (BTEX)
  - Slidell to New Orleans
  - Fairgrounds in New Orleans (Jazzfest)
  - French Quarter in New Orleans
  - New Orleans to Chasse Belle
  - Chasse Belle to Slidell
    - No BTEX observed above low ppbv levels during any monitoring events - the concentrations observed were associated with vehicular traffic or isolated sources
- 5/01/10 - US EPA Administrator visits the TAGA mobile laboratories in Slidell, LA
  - TAGA 1553 performs mobile monitoring for (BTEX)
    - Slidell to Venice
      - No BTEX observed above low ppbv levels during any monitoring events - the concentrations observed were associated with vehicular traffic or isolated sources
  - TAGA 1554 performs mobile monitoring for (BTEX)
    - Slidell, LA to Ocean Springs, MS
      - A continuous 10 ppbv concentration plume of xylenes/ethylbenzene was observed from Bay St. Louis, MS to Gulfport, MS - these concentration location was consistent with the area where odor complaints were originating
- 5/02/10 - No special activities
  - TAGA 1553 performs mobile monitoring for (BTEX)
    - Slidell to Venice
      - No BTEX observed above low ppbv levels during any monitoring events - the concentrations observed were associated with vehicular traffic or isolated sources
  - TAGA 1554 performs mobile monitoring for (BTEX)
    - Slidell, LA to Pensacola, FL
      - A continuous 2 ppbv concentration plume of xylenes/ethylbenzene was observed from Biloxi, MS to Ocean Springs, MS - these concentration location was consistent with the area where odor complaints were originating

This monitoring has been successful for two reasons:

- The monitoring identified the presence of a plume associated with the oil spill when there were odor complaints
- The monitoring didn't identify the presence of a plume associated with the oil spill when there were no odor complaints
- The monitoring path was next to the water – no upwind sources

- 5/03/10 - No special activities
  - TAGA 1553 performs mobile monitoring for (BTEX)
    - Southeastern LA – Slidell to Hopedale, to Delacroix to Poydras, to Boheman
      - No BTEX observed above low ppbv levels during any monitoring events - the concentrations observed were associated with vehicular traffic or isolated sources
  - TAGA 1554 performs mobile monitoring for (BTEX)
    - Southern LA and MS – Dear Island, LA to Gautier, MS
      - No BTEX observed above low ppbv levels during any monitoring events - the concentrations observed were associated with vehicular traffic or isolated sources
- 5/04/10 – No special activities
  - TAGA 1553 performs mobile monitoring for (BTEX)
    - Southeastern LA – Slidell to Hopedale, to Delacroix to Poydras, to Boheman
      - No BTEX observed above low ppbv levels during any monitoring events - the concentrations observed were associated with vehicular traffic or isolated sources with the exception of a mile wide toluene plume of ~20 ppbv of toluene along US 90 east of Industrial Parkway

**CORRECTION – TAGA 1553 observed toluene not along US 90 east of Industrial Parkway but along LA 47 north of East Law**

- The monitoring identified the presence of a plume associated but the wind was calm and, therefore, no source could be identified
  - TAGA 1554 performs mobile monitoring for (BTEX)
    - Southern LA and MS – Lake Catherine, LA to Gautier, MS
      - No BTEX observed above low ppbv levels during any monitoring events - the concentrations observed were associated with vehicular traffic or isolated sources
- 5/05/10 – No special activities
  - TAGA 1553 continues to perform mobile monitoring for (BTEX)
    - Southeastern LA – Slidell to Venice
      - No BTEX observed above low ppbv levels during any monitoring events - the concentrations observed were associated with vehicular traffic or isolated sources
  - TAGA 1554 performs mobile monitoring for (BTEX)
    - Southern LA and MS - Gasque, AL, around Mobile Bay to Dauphin Island - Continued west on RT 90 from Grand Bay to Long Beach, MS.
      - No BTEX observed above low ppbv levels during any monitoring events - the concentrations observed were associated with vehicular traffic or isolated sources
- 5/06/10 – No special activities
  - TAGA 1553 continues to perform mobile monitoring for (BTEX)
    - Southeastern LA – Slidell to Venice and back
      - No BTEX observed above low ppbv levels during any monitoring

- events - the concentrations observed were associated with vehicular traffic or isolated sources
- TAGA 1554 performs mobile monitoring for (BTEX)
  - Southern LA and MS - Adley , LA through Biloxi, MS to Dauphin Island and back
    - No BTEX observed above low ppbv levels during any monitoring events - the concentrations observed were associated with vehicular traffic or isolated sources
- 5/07/10 – No special activities
  - TAGA 1553 continues to perform mobile monitoring for (BTEX)
    - Southeastern LA – Slidell to Hopedale, to Delacroix to Poydras, to Boheman
      - No BTEX observed above low ppbv levels during any monitoring events - the concentrations observed were associated with vehicular traffic or isolated sources
  - TAGA 1554 performs mobile monitoring for (BTEX)
    - St. Teresa, FL to Port Walton Beach, FL
      - No BTEX observed above low ppbv levels during any monitoring events - the concentrations observed were associated with vehicular traffic or isolated sources – with the exception of a toluene plume with a maximum concentration of 50 ppbv originating at a pulp and paper plant in Springfield, FL (Day County) and extending to Panama City, FL – odors were associated with this plume
- 5/08/10 – No special activities
  - TAGA 1553 continues to perform mobile monitoring for (BTEX)
    - Southeastern LA – Slidell to Venice
      - No BTEX observed above low ppbv levels during any monitoring events - the concentrations observed were associated with vehicular traffic or isolated sources
  - TAGA 1554 performs mobile monitoring for (BTEX)
    - Ansley, LA to Coden, MS to along the west side of Mobile Bay to Theodore, AL
    - No BTEX observed above low ppbv levels during any monitoring events - the concentrations observed were associated with vehicular traffic or isolated sources
- 5/09/10 – No TAGA monitoring scheduled.
- 5/10/10
  - TAGA 1553 continues to perform mobile monitoring for (BTEX)
    - Southeastern LA – Slidell to Hopedale, to Delacroix to Poydras, to Boheman
      - No BTEX observed above low ppbv levels during any monitoring events - the concentrations observed were associated with vehicular traffic or isolated sources
  - TAGA 1554 performs mobile monitoring for (BTEX)
    - Southern LA and MS - Ansley , LA through Biloxi, MS to Dauphin Island and back
      - No BTEX observed above low ppbv levels during any monitoring events - the concentrations observed were associated with

vehicular traffic or isolated sources

- 5/11/10
  - TAGA 1553 and TAGA 1554 have been requested to stand down until 5/17/10
    - TAGAs will be stored at US EPA Gulf Program Office of the Office of Water on the Stennis NASA Facility in Bay St. Louis, MS.
    - US EPA Gulf Program Office of the Office of Water has secured power, secure location, cylinder/chemical storage/delivery area/ and basic facilities for the TAGAs and crew

If you have any questions or concerns, please contact me.

Best regards,

David B. Mickunas

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